Supporting Information

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A New Isoflavonolignan Glycoside from the Roots of *Sophora tonkinensis*

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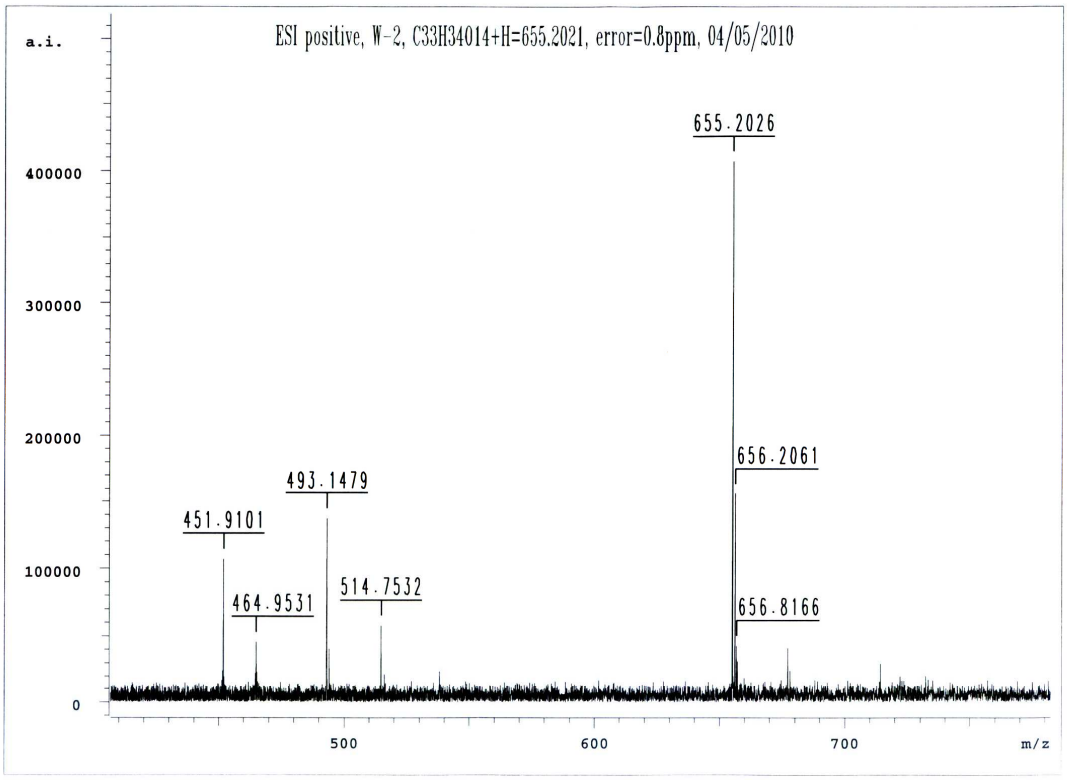
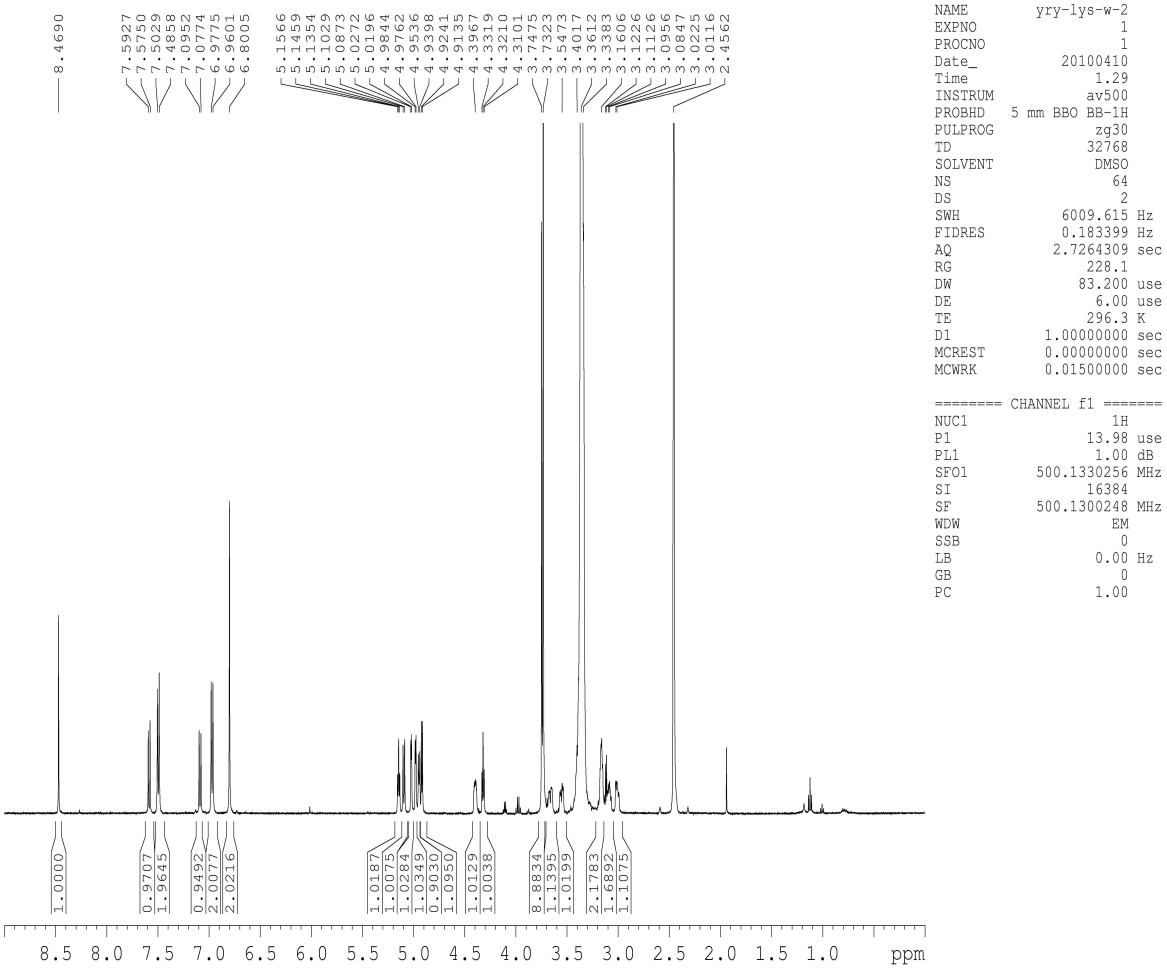
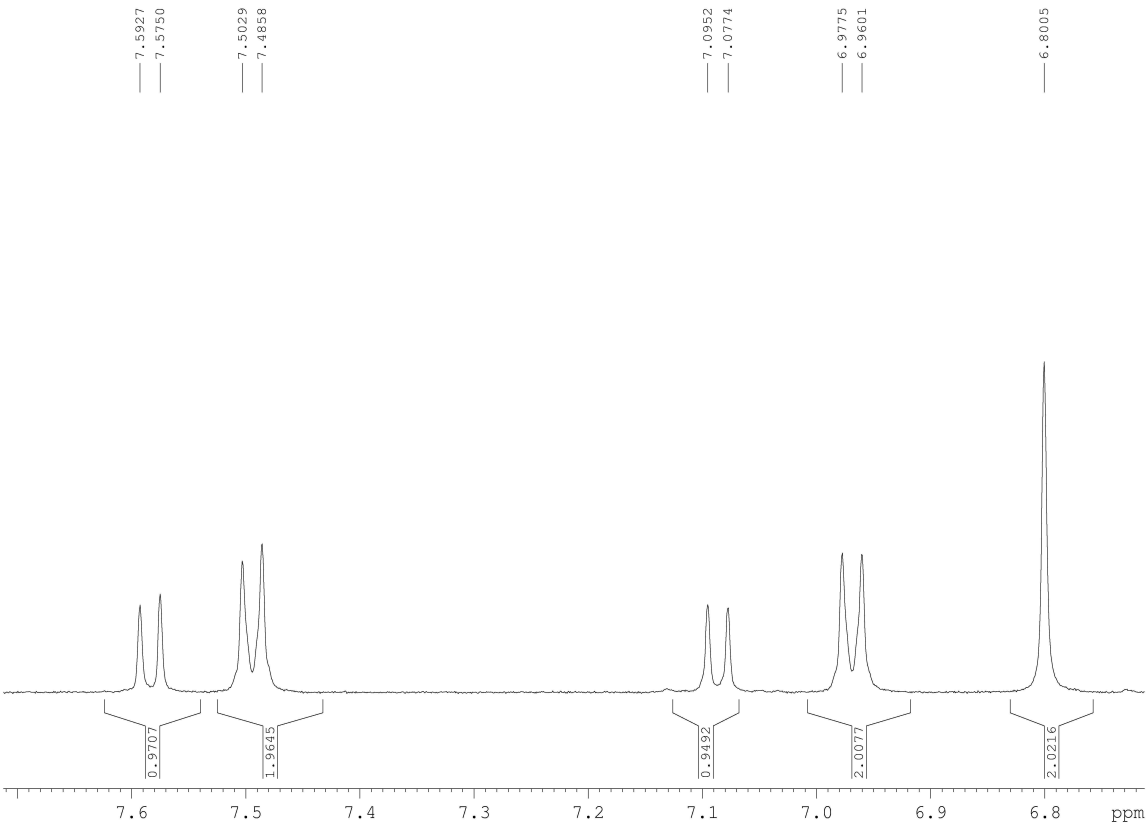


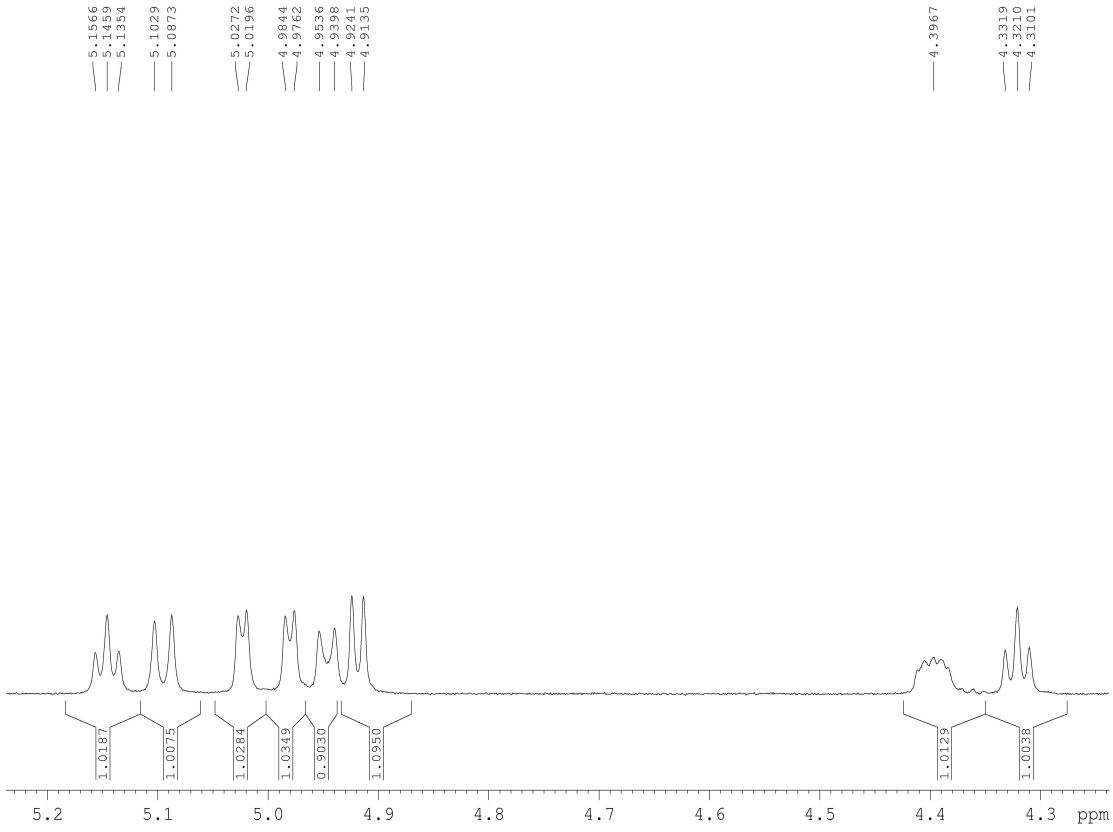
S1: HRESI-MS Spectrum of Compound 1



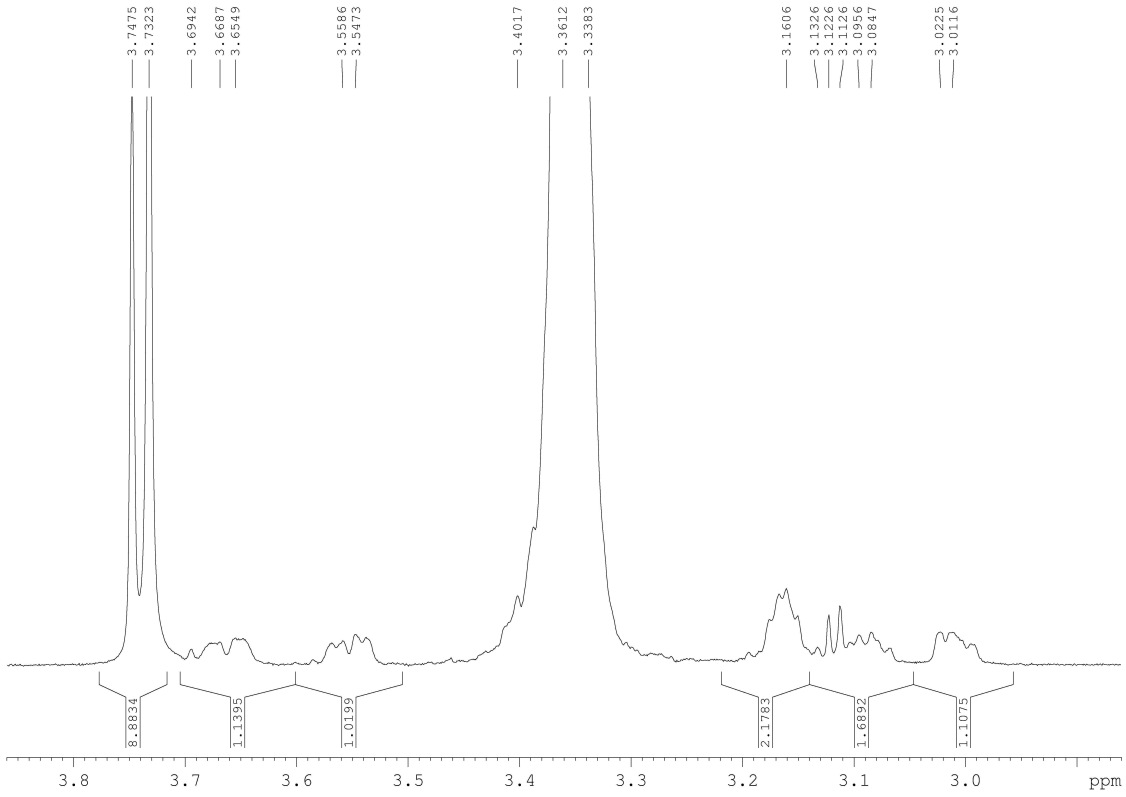
S2: ^{1}H-NMR (500 MHz, DMSO-d_6) Spectrum of Compound 1



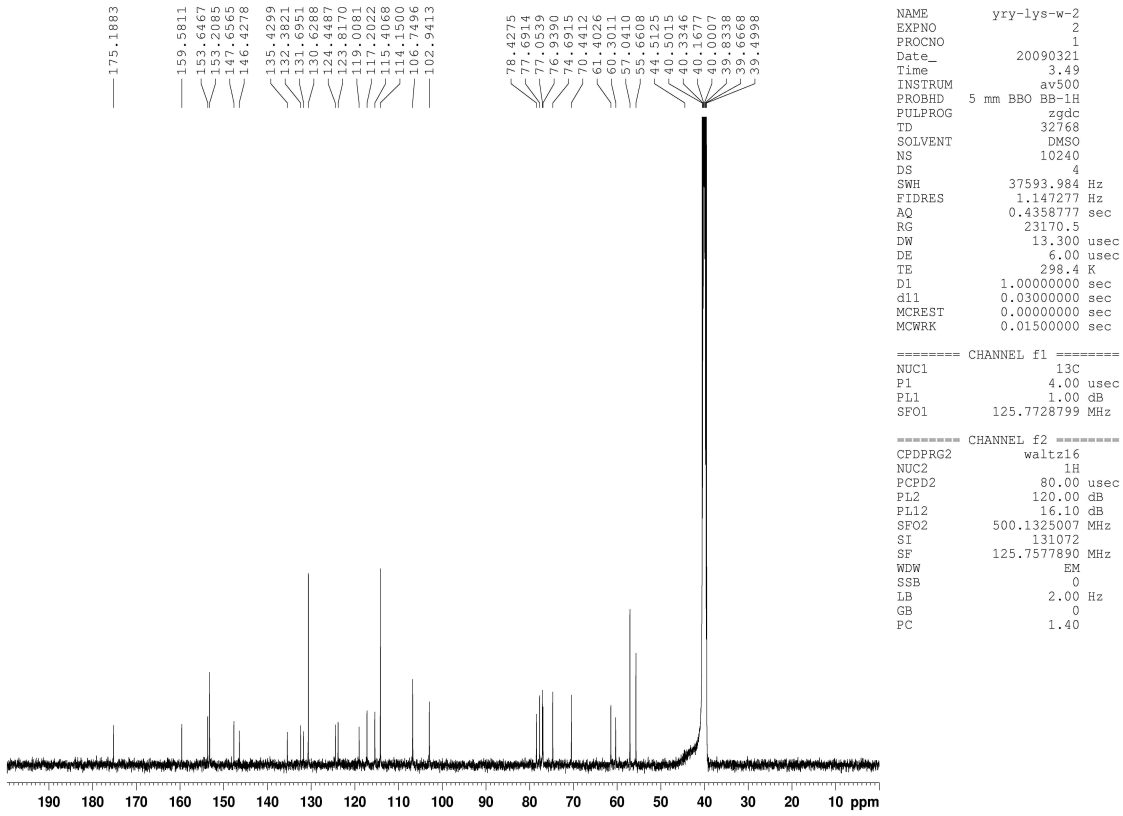
S3: Expansion of the ^{1}H-NMR Spectrum of Compound 1



S4: Expansion of the ^{1}H-NMR Spectrum of Compound 1

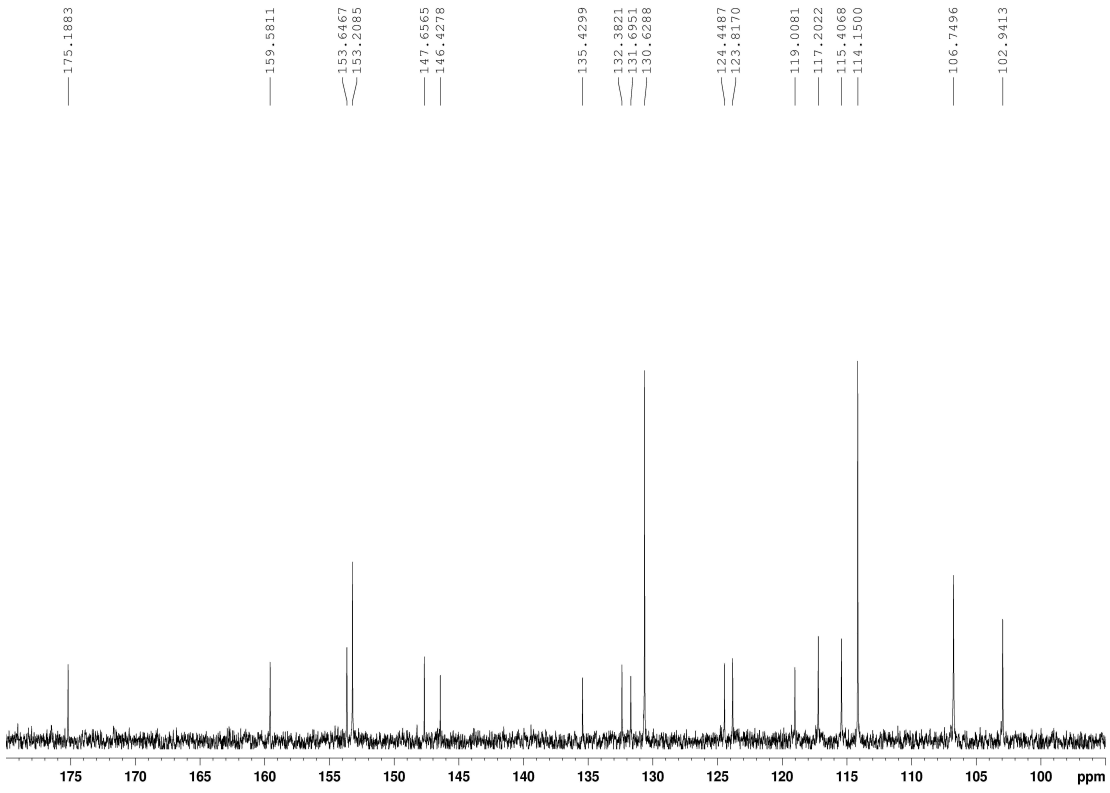


S5: Expansion of the ^{1}H-NMR Spectrum of Compound 1

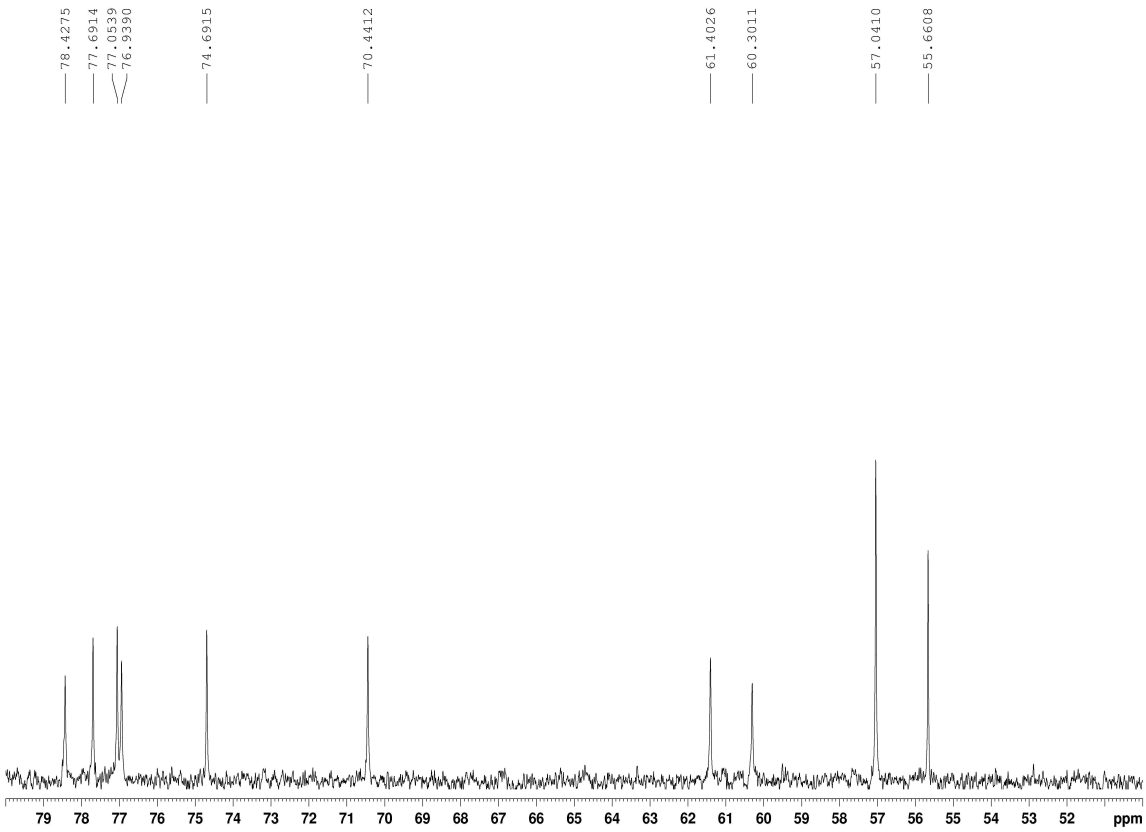


NAME	yry-lys-w-2
EXPNO	2
PROCNO	1
Date_	20090321
Time	3.49
INSTRUM	av500
PROBHD	5 mm BBO BB-1H
PULPROG	zgdc
TD	32768
SOLVENT	DMSO
NS	10240
DS	4
SWH	37593.984 Hz
FIDRES	1.147277 Hz
AQ	0.4358777 sec
RG	23170.5
DW	13.300 usec
DE	6.00 usec
TE	298.4 K
D1	1.00000000 sec
d11	0.03000000 sec
MCREST	0.00000000 sec
MCWRK	0.01500000 sec
======== CHANNEL f1 ========	
NUC1	13C
P1	4.00 usec
PL1	1.00 dB
SFO1	125.7728799 MHz
======== CHANNEL f2 ========	
CPDPRG2	waltz16
NUC2	1H
PCPD2	80.00 usec
PL2	120.00 dB
PL12	16.10 dB
SFO2	500.1325007 MHz
SI	131072
SF	125.7577890 MHz
WDW	EM
SSB	0
LB	2.00 Hz
GB	0
PC	1.40

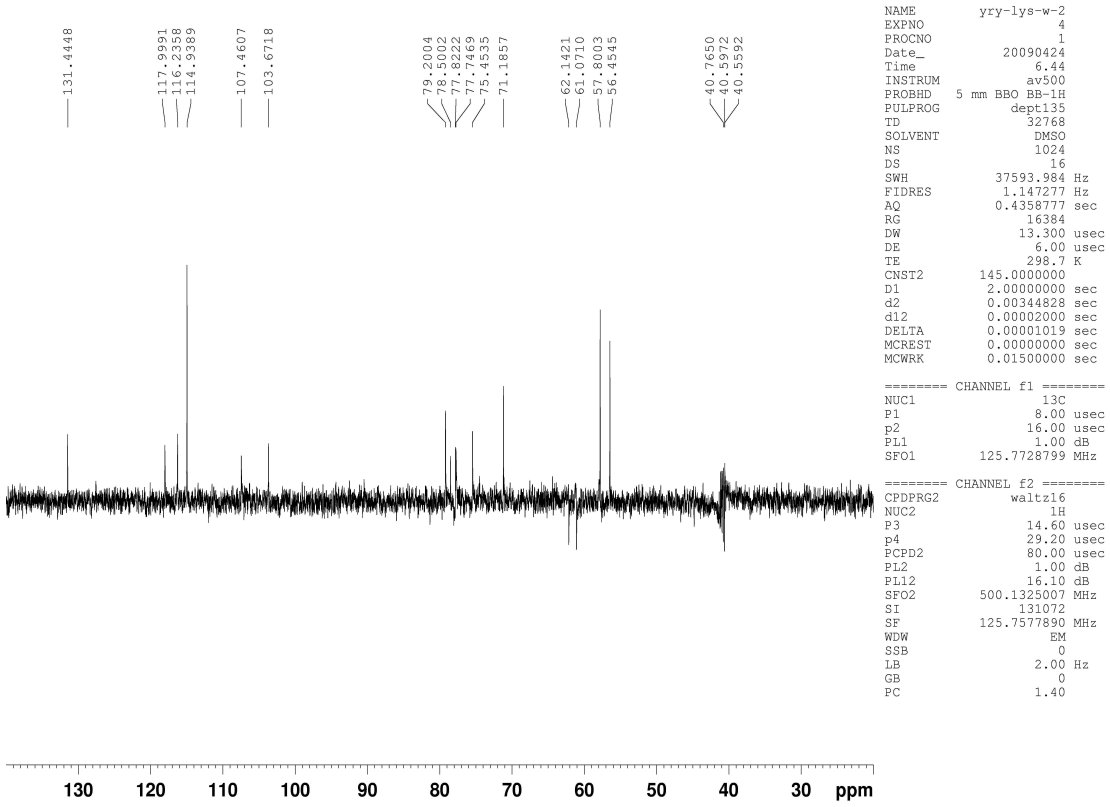
S6: ^{13}C-NMR (125 MHz, DMSO- d_6) Spectrum of Compound 1



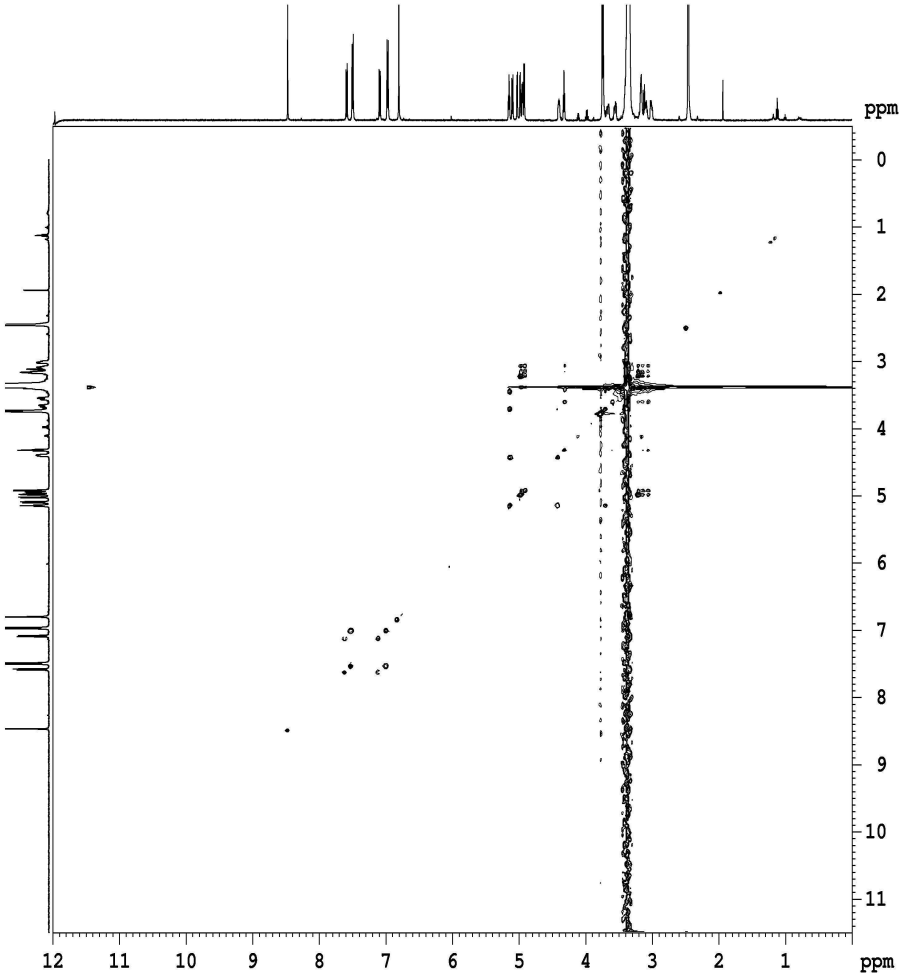
S7: Expansion of the ^{13}C-NMR Spectrum of Compound 1



S8: Expansion of the ^{13}C-NMR Spectrum of Compound 1

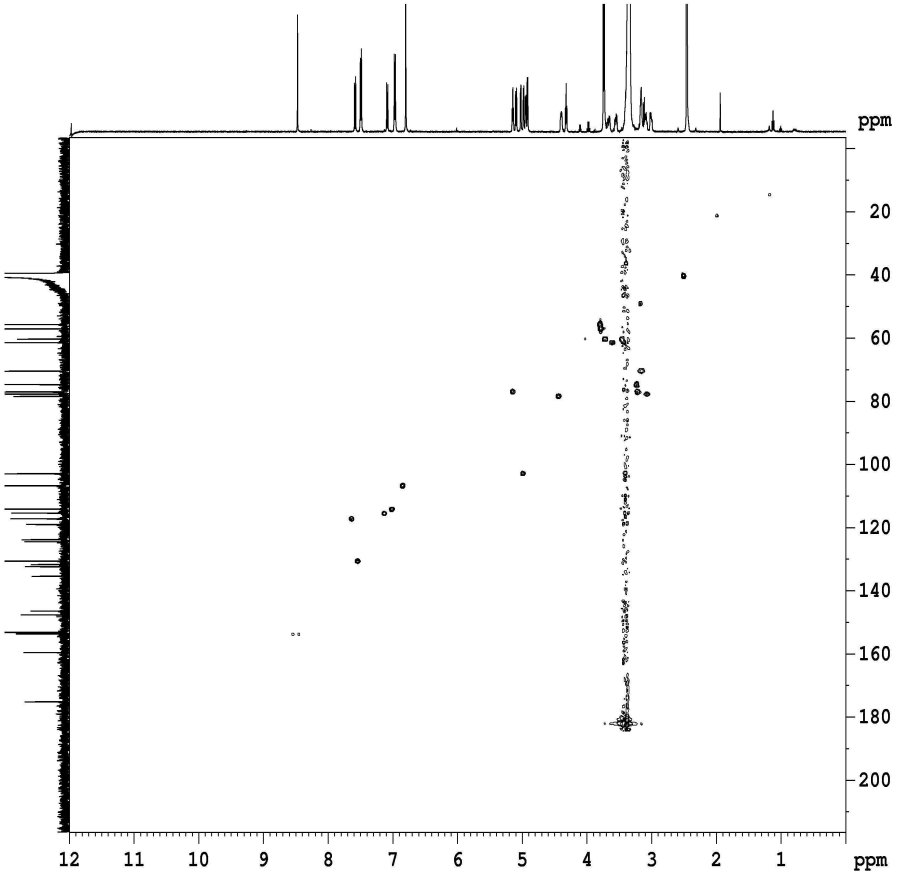


S9: DEPT Spectrum of Compound 1



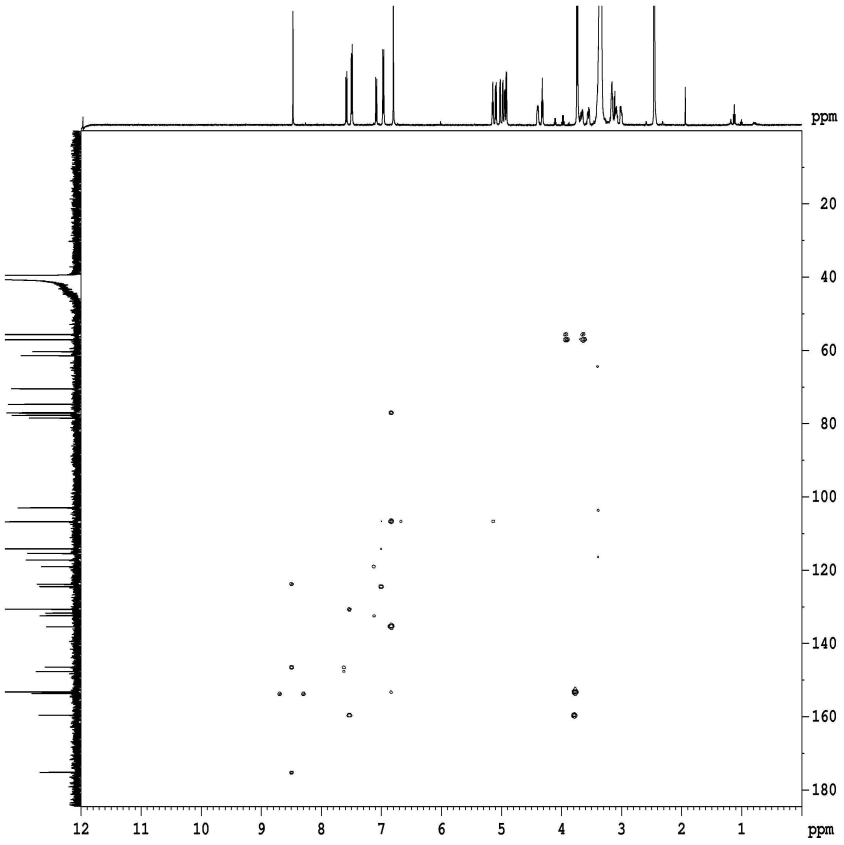

```
Current Data Parameters
NAME          yry-lys-w-2
EXPNO                   8
PROCNO                  1

F2 - Acquisition Parameters
Date_            20100410
Time                 0.01
INSTRUM             av500
PROBHD   5 mm BBO BB-1H
PULPROG           mlevph
TD                  1024
SOLVENT             CDCl3
NS                      8
DS                     16
SWH             6009.615 Hz
FIDRES          5.868765 Hz
AQ              0.0853300 sec
RG                   90.5
DW                 83.200 usec
DE                  6.00 usec
TE                297.5 K
d0             0.00007038 sec
D1             1.00000000 sec
D9             0.08000000 sec
d12            0.00002000 sec
FACTOR1                 6
IN0            0.00016663 sec
l1                     36
MCREST         0.00000000 sec
MCWRK          1.00000000 sec
SCALEF                  6

======== CHANNEL f1 ========
NUC1                   1H
P1                  14.03 usec
p5                  23.34 usec
P6                  35.00 usec
p7                  70.00 usec
P17               2500.00 usec
PL1                  1.00 dB
PL10                 9.08 dB
SFO1          500.1327507 MHz

F1 - Acquisition parameters
ND0                     1
TD                    512
SFO1           500.1328 MHz
FIDRES         11.721681 Hz
SW                12.000 ppm
FnMODE               TPPI

F2 - Processing parameters
SI                    512
SF            500.1300060 MHz
WDW                 QSINE
SSB                     2
LB                   0.00 Hz
GB                      0
PC                   0.60

F1 - Processing parameters
SI                    512
MC2                  TPPI
SF            500.1300000 MHz
WDW                 QSINE
SSB                     2
LB                   0.00 Hz
GB                      0
```

S10: COSY (500 MHz) Spectrum of Compound 1




```
Current Data Parameters
NAME                 yry-lys-w-2
EXPNO                          6
PROCNO                         1

F2 - Acquisition Parameters
Date_               20100401
Time                     17.41
INSTRUM                  av500
PROBHD    5 mm BBO BB-1H
PULPROG             hsqcetgp
TD                       1024
SOLVENT                  DMSO
NS                         16
DS                         16
SWH                 8012.820 Hz
FIDRES              7.825020 Hz
AQ                  0.0640100 sec
RG                        8192
DW                    62.400 usec
DE                     6.00 usec
TE                    298.1 K
CNST2             140.0000000
d0                0.00000300 sec
D1                4.00000000 sec
d4                0.00178571 sec
d11               0.03000000 sec
d13               0.00000400 sec
D16               0.00018000 sec
DELTA             0.00113406 sec
DELTA1            0.00077771 sec
IN0               0.00001807 sec
MCREST            0.00000000 sec
MCWRK             0.80000001 sec
ST1CNT                   128

======== CHANNEL f1 ========
NUC1                       1H
P1                      14.03 usec
P2                      28.06 usec
P28                   1000.00 usec
PL1                      1.00 dB
SFO1             500.1324006 MHz

======== CHANNEL f2 ========
CPDPRG2                 garp
NUC2                      13C
P3                       8.50 usec
p4                      17.00 usec
PCPD2                  80.00 usec
PL2                      1.00 dB
PL12                    20.60 dB
SFO2             125.7671682 MHz

====== GRADIENT CHANNEL =====
GPNAM1               SINE.100
GPNAM2               SINE.100
GPX1                     0.00 %
GPX2                     0.00 %
GPY1                     0.00 %
GPY2                     0.00 %
GPZ1                    80.00 %
GPZ2                    20.10 %
P16                   1000.00 usec

F1 - Acquisition parameters
ND0                        2
TD                       256
SFO1             125.7672 MHz
FIDRES           108.056709 Hz
SW                   219.950 ppm
FnMODE     Echo-Antiecho

F2 - Processing parameters
SI                       1024
SF               500.1300000 MHz
WDW                     QSINE
SSB                        2
LB                    0.00 Hz
GB                         0
PC                      1.40

F1 - Processing parameters
SI                       1024
MC2          echo-antiecho
SF               125.7577890 MHz
WDW                     QSINE
SSB                        2
LB                    0.00 Hz
GB                         0
```

S11: HMQC (500 MHz) Spectrum of Compound 1




```
Current Data Parameters
NAME          yry-lys-w-2
EXPNO                   7
PROCNO                  1

F2 - Acquisition Parameters
Date_          20100409
Time               9.17
INSTRUM          av500
PROBHD   5 mm BBO BB-1H
PULPROG    hmbcgplpndqf
TD                 1024
SOLVENT            DMSO
NS                   64
DS                   16
SWH           8012.820 Hz
FIDRES        7.825020 Hz
AQ            0.0640180 sec
RG              29193
DW              62.400 usec
DE               6.00 usec
TE              296.1 K
CNST2       140.0000000
CNST13        8.0000000
d0          0.00000300 sec
D1          2.00000000 sec
d2          0.00357143 sec
d6          0.06250000 sec
D16         0.00010000 sec
IN0         0.00001807 sec
MCREST      0.00000000 sec
MCWRK       2.00000000 sec

======== CHANNEL f1 ========
NUC1               1H
P1               14.03 usec
P2               28.06 usec
PL1               1.00 dB
SFO1       500.1327507 MHz

======== CHANNEL f2 ========
NUC2              13C
P3               8.50 usec
PL2               1.00 dB
SFO2       125.7716220 MHz

====== GRADIENT CHANNEL =====
GPNAM1         SINE.100
GPNAM2         SINE.100
GPNAM3         SINE.100
GPX1              0.00 %
GPX2              0.00 %
GPX3              0.00 %
GPY1              0.00 %
GPY2              0.00 %
GPY3              0.00 %
GPZ1             50.00 %
GPZ2             30.00 %
GPZ3             40.10 %
P16            1000.00 usec

F1 - Acquisition parameters
ND0                  2
TD                 256
SFO1       125.7716 MHz
FIDRES     108.056709 Hz
SW          219.942 ppm
FnMODE              QF

F2 - Processing parameters
SI                1024
SF         500.1300000 MHz
WDW             QSINE
SSB                  2
LB                0.00 Hz
GB                   0
PC                1.40

F1 - Processing parameters
SI                1024
MC2                 QF
SF         125.7577890 MHz
WDW             QSINE
SSB                  2
LB                0.00 Hz
GB                   0
```

S12: HMBC (500 MHz) Spectrum of Compound 1